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Application Serial No. 10/551,337  
Reply to Office Action of August 1, 2007

PATENT  
Docket: CU-4441

### Amendments to the Claims

The listing of claims presented below replaces all prior versions, and listings, of claims in the application.

#### Listing of claims:

(currently amended) A method for controlling the disconnection of a wireline, of the kind used in wireline operations in a wellbore, from a wireline tool, the method comprising the steps of: the wireline being provided

providing the wireline with a conductor arranged to communicate signals, ~~wherein the signals are monitored~~

monitoring the signals at the wireline tool by means of a lower monitoring and control circuit, and

by disappearance of signals from ~~[[the]]~~ a surface, the lower monitoring and control circuit ~~activates~~ activation a disconnect device after a predetermined time, the disconnect device being arranged to disconnect the wireline from the wireline tool.

2. (currently amended) A method according to claim 1, ~~wherein the disconnection can be activated or interrupted~~ further comprising the step of activating or interrupting the disconnection of the wireline from a surface located monitoring and control unit.

3. (currently amended) A method according to claim 2, ~~wherein the signals are monitored~~ further comprising the step of monitoring the signals by the surface located monitoring and control unit, which gives a warning on activation of a disconnecting operation.

4. (previously presented) A device for controlling the disconnection of a wireline, of the kind used in wireline operations in a wellbore, from a wireline tool, the wireline being provided with a conductor arranged to communicate signals, wherein a lower monitoring and control circuit disposed at the wireline tool is arranged to monitor the signals on the conductor and by disappearance of signals from the surface to activate, after a predetermined time, a disconnect device which is arranged to disconnect the wireline from the wireline tool.